

## Applications

Make	Model	Year
Chrysler	Grand Voyager CRD	2001-2008
	Voyager	2001-2008
LDV	Maxus	2005-2009

Engine Code	
2.5	R2516C, R2516L VM39/40B
2.8	R2816C5.05A

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by Sonic for incorrect use of any of our products, and Sonic cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.

**SONIC**  
equipment

## Instructions

### Engine Timing Kit Chrysler/LDV Diesel CRD - 2.5, 2.8



## 829083 - Engine Timing Kit

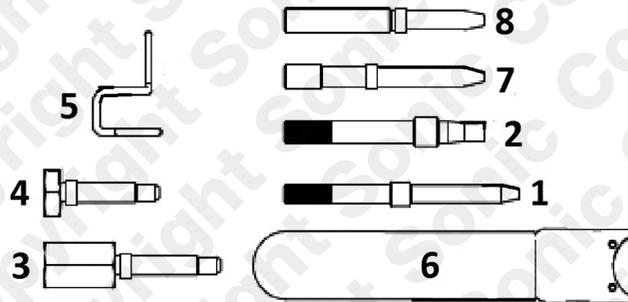
### Description:

The 829083 kit was developed for the Chrysler DOHC common rail diesel engine found in the Voyager, Grand Voyager and the LDV Maxus van.

The 829083 kit allows the user to replace the timing belt whilst maintaining the correct timed position of the Camshafts and Crankshaft.

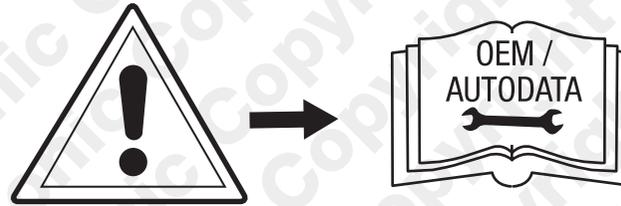
## Components

Ref	Comp	OEM	Description
1	4880222	VM.1089, LDV196	Crankshaft Locking Pin 2.8 post 2007
2	4880223	VM.1068, LDV196	Crankshaft Locking Pin
3	4880224	VM.1052, LDV192	Inlet Camshaft Locking Pin
4	4880225	VM.1053, LDV193	Exhaust Camshaft Locking Pin
5	4880226	VM1074	Cam Belt support Tool
6	4880015	VM.9660, H2587	Tensioner Wrench
7	4880282	VM.1080	2.8 Flywheel Locking Pin pre 2006
8	4880283	VM.8873	2.5 Flywheel Locking Pin



## Instructions

The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufactures own data or Autodata. The use of these engine timing tools is purely down to the user's discretion and Sonic cannot be held responsible for any damage caused what so ever.



NOTE: Align crankshaft as shown below at 90 degrees ATDC (After Top Dead Centre)

